

# ABSTRACT

The present invention provides a protein having a  $\beta$ 1,3-galactosyltransferase activity derived from a microorganism; a DNA encoding the protein; a recombinant DNA containing the DNA and a vector; a transformant obtained by introducing the recombinant DNA into a host cell; a method for producing a protein having a  $\beta$ 1,3-galactosyltransferase activity using the transformant; and a method for producing a galactose-containing carbohydrate using the transformant.